

Amendments to the Abstract

In the Abstract:

~~The present invention relates to a method for controlling the temperature of a baking oven containing a catalyst and having a control unit, an oven chamber temperature sensor, and a catalyst temperature sensor; the electrical sensor signals of the oven chamber temperature sensor and the catalyst temperature sensor being processed in an evaluation circuit of the control unit in such a manner that when a control state which is dependent on the electrical sensor signals is reached, the control unit generates at least one electrical control signal that influences a heating source, in particular an electrical heating element, of the baking oven in a predetermined manner.~~

~~In order to provide a simple method for controlling the temperature of a baking oven containing a catalyst, the processing is carried out in the evaluation circuit of the control unit as a function of the temperature difference between the oven chamber temperature and the catalyst temperature.~~

A method for controlling the temperature of a baking oven having a catalyst, a heating source, an oven chamber temperature sensor, and a catalyst temperature sensor, includes generating an electrical control signal based on a control state, the control state being a function of signals from the electrical sensors and being reached when the catalyst temperature is higher than the oven chamber temperature and the temperature difference between the catalyst temperature and the oven chamber temperature is greater than or equal to a threshold value. The heating source is controlled using the electrical control signal so that the oven chamber temperature is maintained substantially constant.